

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-019114**Date Inspected:** 04-Jan-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Xu tao**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.

BAY#19

FCAW welding of repair (R2) weld is identified as 3G-043 of SB025-108 for SB108 East. The welder is identified as 062761. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-345-FCAW-3G-ESAB-Repair and WR19505.

FCAW welding of repair (R2) weld is identified as 3G-001 of SB025-108 for SB108 East. The welder is identified as 062761. ZPMC QC is identified as Mr.Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-345-FCAW-3G-ESAB-Repair and R19461.

FCAW welding of repair (R2) weld is identified as 3G-002 of SB022-104 for SB104 East. The welder is identified as 058792. ZPMC QC is identified as Mr.Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-345-FCAW-3G-ESAB-Repair and R19241.

FCAW welding of repair (R2) weld is identified as 3G-051 of SB024-108 for SB108 West. The welder is identified as 062761. ZPMC QC is identified as Mr.Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-345-FCAW-3G-ESAB-Repair and R19524.

FCAW welding of weld is identified as 3G-165 of BK004A6-014 for BK004A-014. The welder is identified as

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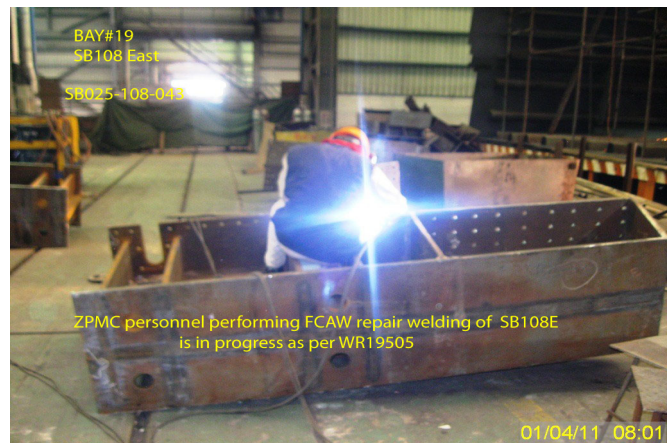
062757. ZPMC QC is identified as Mr.Xu tao. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2233-ESAB.

ABF QC NDT MT personnel performing MT after light bracket removal locations of bike path BK004A-007 is in progress.

ZPMC QC NDT UT personnel performed UT of 2 time repair locations of suspender bracket is identified as SB104West, during their UT they found reject able indications in following welds SB022-104-013,015,023,015,034,025,039,004. All these welds need C WR before going to repair; this is informed to ZPMC QC Mr.Xu tao.

Visual inspection of welds and internal cleanings carryout before fit-up of end closure plate with bike path of BK004B-001.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.



Summary of Conversations:

No relevant Conversation.

Comments

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This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang-15--0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Kumar,Chadra	Quality Assurance Inspector
Reviewed By:	Patel,Hiranch	QA Reviewer
